

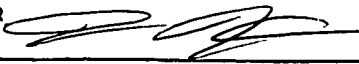


Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		DOCKET NUMBER (OPTIONAL) ROC920010206US1		APPLICATION NUMBER	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				APPLICANT GOETZINGER et al.		30503 U.S. PTO 10/004217 	
				FILING DATE Herewith			
U.S. PATENT DOCUMENTS							
*Examiner Initial	AA	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JH	AA	5,831,971		Bonomi et al.	—	—	
JH	AB	5,844,890		Delp et al.	—	—	
JH	AC	5,999,963		Bruno et al.	—	—	
JH	AD	6,028,843		Delp et al.	—	—	
JH	AE	6,092,115		Choundhury et al.	—	—	
JH	AF	6,101,193		Ohba	—	—	
JH	AG	6,108,307		McConnell et al.	—	—	
JH	AH	6,144,669		Williams et al.	—	—	
JH	AI	6,157,614		Pasternak et al.	—	—	
JH	AJ	6,188,698		Garland et al.	—	—	
JH	AK	6,229,812		Parruck et al.	—	—	
JH	AL	6,236,647		Amalfitano	—	—	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AM						
	AN						
	AO						
	AP						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AR						
	AS						
	AT						
EXAMINER 				DATE CONSIDERED 8-10-2005			
<small>*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.</small>							

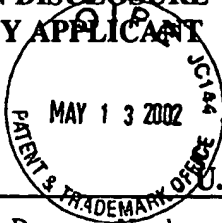
Form PTO-1449 (modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		DOCKET NUMBER (OPTIONAL) ROC920010206US1		APPLICATION NUMBER 10/004,217	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				APPLICANT GOETZINGER et al.			
				FILING DATE November 1, 2001		GROUP ART UNIT	
U.S. PATENT DOCUMENTS							
*Examiner Initial	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
AA							
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
JH	AN	U.S. patent application Serial Number 10/004,373, filed November 1, 2001, by William John Goetzinger, Glen Howard Handlogten, James Francis Mikos, and David Alan Norgaard entitled "QoS SCHEDULER AND METHOD FOR IMPLEMENTING PEAK SERVICE DISTANCE USING NEXT PEAK SERVICE TIME VIOLATED INDICATION"					
JH	AD	U.S. patent application Serial Number 10/004,416, filed November 1, 2001, by William John Goetzinger, Glen Howard Handlogten, James Francis Mikos, and David Alan Norgaard entitled "QoS SCHEDULER AND METHOD FOR IMPLEMENTING QUALITY OF SERVICE WITH AGING TIME STAMPS"					
JH	AP	U.S. patent application Serial Number 10/004,440, filed November 1, 2001, by William John Goetzinger, Glen Howard Handlogten, James Francis Mikos, and David Alan Norgaard entitled " QoS SCHEDULER AND METHOD FOR IMPLEMENTING QUALITY OF SERVICE WITH CACHED STATUS ARRAY "					
JH	AQ	U.S. patent application Serial Number 10/016,518, filed November 1, 2001, by William John Goetzinger, Glen Howard Handlogten, James Francis Mikos, and David Alan Norgaard entitled "WEIGHTED FAIR QUEUE HAVING EXTENDED EFFECTIVE RANGE"					
JH	AR	U.S. patent application Serial Number 10/015,994, filed November 1, 2001, by William John Goetzinger, Glen Howard Handlogten, James Francis Mikos, and David Alan Norgaard entitled "WEIGHTED FAIR QUEUE SERVING PLURAL OUTPUT PORTS"					
JH	AS	U.S. patent application Serial Number 10/015,760, filed November 1, 2001, by William John Goetzinger, Glen Howard Handlogten, James Francis Mikos, and David Alan Norgaard entitled "WEIGHTED FAIR QUEUE HAVING ADJUSTABLE SCALING FACTOR"					
JH	AT	U.S. patent application Serial Number 10/002,085, filed November 1, 2001, by William John Goetzinger, Glen Howard Handlogten, James Francis Mikos, and David Alan Norgaard entitled "EMPTY INDICATORS FOR WEIGHTED FAIR QUEUES"					
EXAMINER 				DATE CONSIDERED 8-10-2005			

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Application Number.: 10/004,217
 Filing Date: November 1, 2001
 First Named Inventor: William Goetzinger
 Art Unit: 2661
 Examiner Name: Unassigned
 Attorney Docket Number.: ROC920010206US1

**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**
Sheet 1 of 4
U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns or Lines Where Relevant Passages or Figs. Appear
JH	AA	US -5249184A	09/28/1993	Karen L. Woeste et al	
JH	AB	US -5490141A	02/06/1996	Fuyung Lai et al	
JH	AC	US -5548590A	08/20/1996	Robert H. Grant et al	
JH	AD	US -5629928A	05/13/1997	Jean Calvignac et al	
JH	AE	US -5742772A	04/21/1998	Cormac J. Sreenan	
JH	AF	US -5850399A	12/15/1998	Mahesh Ganmukhi et al	
JH	AG	US -5926459A	07/20/1999	J. Bryan Lyles et al	
JH	AH	US -5926481A	07/20/1999	Chi-Lung Wang et al	
JH	AI	US - 5946297A	08/31/1999	Jean Calvignac et al	
JH	AJ	US - 6014367A	01/11/2000	Alexander Joffe	
JH	AK	US - 6018527A	01/25/2000	Nanying Yin et al	

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FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document Country ³ - Number ⁴ - Kind Code ⁵ Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns or Lines Where Relevant Passages or Figs. Appear	T ⁶
JH	AL	EP0859492A2	08/19/1998	Duffield et al		X
JH	AM	EP0957602A2	11/17/1999	Darrin Nagy		X
JH	AN	EP0989770A1	03/29/2000	Chugo et al		X
JH	AO	EP1049352A2	11/02/2000	Goudreau et al		X
JH	AP	EP1061763A2	12/20/2000	Cavendish et al		X
JH	AQ	JP2000183886A	06/30/2000	Yamashita	Abstract Only	
JH	AR	JP2000295247A	10/20/2000	Goudoruu et al	Abstract Only	
JH	AS	JP2001007822A	12/20/2000	Cavendish et al	Abstract Only	

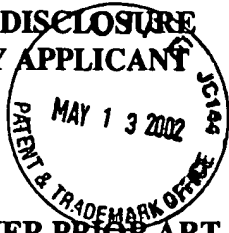
Examiner Signature		Date Considered	8-10-2005
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¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
Sheet 2 of 4

Application Number.: 10/004,217
 Filing Date: November 1, 2001
 First Named Inventor: William Goetzinger
 Art Unit: 2661
 Examiner Name: Unassigned
 Attorney Docket Number.: ROC920010206US1

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and or country where published.	T ²
JH	AT	U.S. Patent Application Serial No. 10/102,166 filed March 20, 2002, "Method and Apparatus for Improving the Fairness of New	
		Attaches to a Weighted Fair Queue in a Quality of Service (QoS) Scheduler"	
JH	AU	Abstract of Publication entitled "Design of packet-fair queuing schedulers using a RAM-based searching engine"	
		by HJ Chao et al, IEEE Journal on Selected Areas in Communications, Vol. 17, No. 6, pp. 1105-1126, June 1999	

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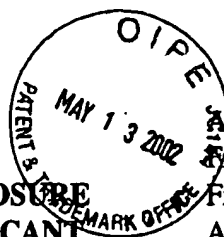
Examiner Signature		Date Considered	8-10-2005
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
Sheet 3 of 4

Application Number.: 10/004,217
 Filing Date: November 1, 2001
 First Named Inventor: William Goetzinger
 Art Unit: 2661
 Examiner Name: Unassigned
 Attorney Docket Number.: ROC920010206US1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns or Lines Where Relevant Passages or Figs. Appear
JH	BA	US -6028842A	02/22/2000	Alan Chapman et al	
JH	BB	US -6031822A	02/28/2000	Eugen Wallmeier	
JH	BC	US -6038217A	03/14/2000	J. Bryan Lyles	
JH	BD	US -6041059A	03/21/2000	Alexander Ioffe et al	
JH	BE	US -6064650A	05/16/2000	Christopher Kappler et al	
JH	BF	US -6064677A	05/16/2000	Christopher Kappler et al	
JH	BG	US -6072772A	06/06/2000	Anna Charny et al	
JH	BH	US -6072800A	06/06/2000	Duan-Shin Lee	
JH	BI	US -6078953A	06/20/2000	Aseem Vaid et al	
JH	BI	US -6081507A	06/27/2000	Hung-Hsiang Chao et al	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document Country ³ - Number ⁴ - Kind Code ⁵ Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns or Lines Where Relevant Passages or Figs. Appear	T ⁶
JH	BK	WO99/35792A1	07/15/1999	Anna Charny et al		X
JH	BL	WO99/53647A2	10/21/1999	Nigel T. Poole et al		X
JH	BM	WO99/53648A2	10/21/1999	Cary B. Robins et al		X
JH	BN	WO01/20876A1	03/22/2001	Kent D. Benson et al		X

Examiner Signature		Date Considered	8-10-05
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⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

PTO/SB/08A

Application Number.: 10/004,217
 Filing Date: November 1, 2001
 First Named Inventor: William Goetzinger
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 Examiner Name: Unassigned
 Attorney Docket Number.: ROC920010206US1

**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**

 Sheet 4 of 4

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns or Lines Where Relevant Passages or Figs. Appear
<u>JH</u>	CA	US - 6094435A	07/25/2000	Don Hoffman et al	
<u>JH</u>	CB	US - 6104700A	08/15/2000	Stephen Haddock et al	
<u>JH</u>	CC	US - 6122673A	09/19/2000	Debashis Basak et al	
<u>JH</u>	CD	US - 6157649A	12/05/2000	Kenneth Peirce et al	
<u>JH</u>	CE	US - 6157654A	12/05/2000	Tom Davis	
<u>JH</u>	CF	US - 6169740B1	01/02/2001	Todd D. Morris et al	
<u>JH</u>	CG	US - 6226267B1	05/01/2001	Barry A. Spinney et al	
<u>JH</u>	CH	US - 6229813B1	05/08/2001	Steven W. Buchko et al	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document Country ³ - Number ⁴ - Kind Code ⁵ Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns or Lines Where Relevant Passages or Figs. Appear	T ⁶

Examiner Signature		Date Considered	<u>8-10-2005</u>
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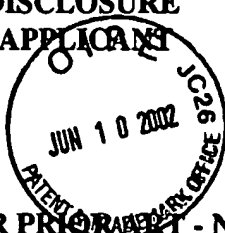
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Sheet 1 of 1

Application Number.: 10/004,217
Filing Date: November 1, 2001
First Named Inventor: William Goetzinger
Art Unit: 2661
Examiner Name: Unassigned
Attorney Docket Number.: ROC920010206US1



OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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STATEMENT BY APPLICANT**
Sheet 1 of 1

Application Number.: 10/004,217
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U.S. PATENT DOCUMENTS

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JH		US 6,721,325 B1	04/13/2004	Brent G. Duckering et al	
JH		US 6,810,012 B1	10/26/2004	Nanying Yin et al	
JH		US2002/0023168A1	02/21/2002	Brian Mitchell Bass et al	

FOREIGN PATENT DOCUMENTS

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